

LINE PRESSURE DROP CALCULATION																																																																				
LINE NUMBER		Eng-Tips																																																																		
FLOW RATE	255	(GPM)	10:46 AM																																																																	
DENSITY	62.32	(#/FT3)	09/28/16																																																																	
VISCOSITY	1.2	(cP)																																																																		
PIPE DIAMETER	2.067	(IN)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>NOMINAL PIPE DIAMETER (INCHES)</td> <td>2</td> </tr> <tr> <td>SCHEDULE</td> <td>40</td> </tr> <tr> <td>ACTUAL PIPE DIAMETER (INCHES)</td> <td></td> </tr> </table>			NOMINAL PIPE DIAMETER (INCHES)	2	SCHEDULE	40	ACTUAL PIPE DIAMETER (INCHES)																																																										
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LINE LENGTH	8.000	(FT)																																																																		
VELOCITY (FT/SEC)	24.381																																																																			
REYNOLDS NUMBER	3.24E+05																																																																			
FRICTION FACTOR	0.020																																																																			
TOTAL K	2.33		TOT EQUIV LENGTH (FT)	19.9																																																																
	*****		FLOW RATE (LBS/HR)	#####																																																																
** DELTA P (PSI)**	9.286		HEAD (FEET)	21.45																																																																
	*****		DELTA P/100 FT (PSI)	46.700																																																																
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TOTAL FITTING K			1.390																																																																	
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